

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number  
**WO 2005/030395 A3**

(51) International Patent Classification<sup>7</sup>: **B01L 3/00**,  
F04B 19/24

Colin [GB/GB]; 16 Brunstfield Avenue, Edinburgh EH10  
4EW (GB).

(21) International Application Number:  
PCT/GB2004/004081

(74) Agents: **JACOB, Reuben, E.** et al.; R G C Jenkins & Co.,  
26 Caxton Street, London SW1H 0RJ (GB).

(22) International Filing Date:  
24 September 2004 (24.09.2004)

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

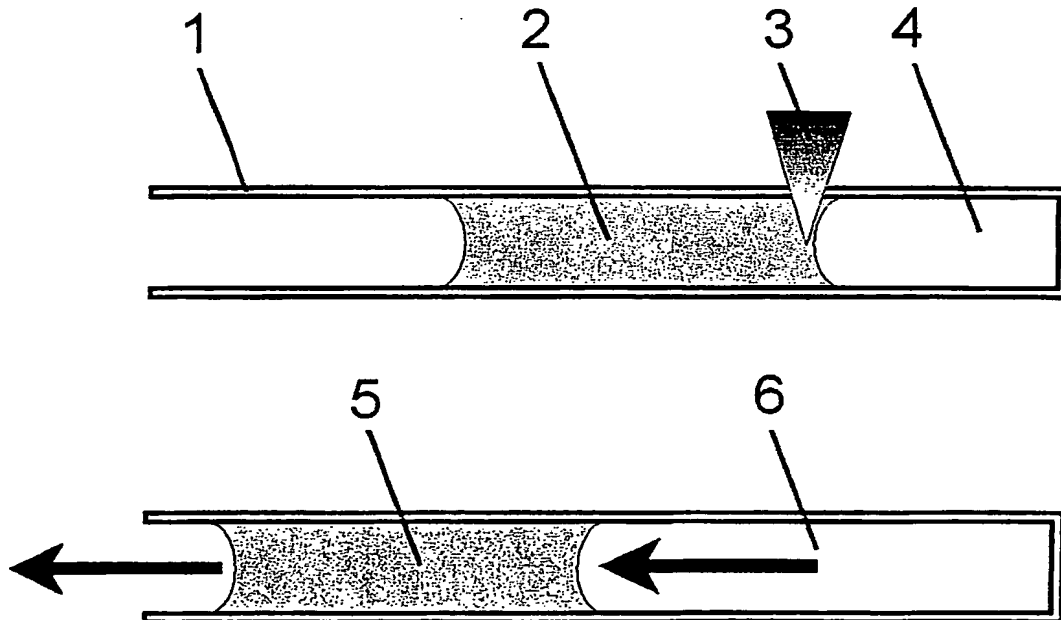
(30) Priority Data:  
0323043.0 24 September 2003 (24.09.2003) GB

(71) Applicant (*for all designated States except US*): **LUX  
BIOTECHNOLOGY LIMITED** [GB/GB]; Edinburgh  
Technology Transfer Centre, Alrick Building, King's  
Buildings, Edinburgh EH9 3JL (GB).

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: BIOCHIP



(57) Abstract: The invention relates to a biochip, comprising a substrate defining a plurality of fluid holding areas, there being fluid separating elements for preventing mixing of fluids held in said areas until the application of pressure to one or more said fluid.

WO 2005/030395 A3



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:  
24 November 2005

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*